We claim:

1. A method for producing peptide salts, which comprises reacting an acid addition salt of a basic starting peptide in the presence of a diluent in a mixed bed ion exchanger, with a mixture of an acid and a basic ion exchanger during the formation of a free basic peptide, and then separating the ion exchanger and then the free basic peptide, with an inorganic or organic acid , and then forming the desired acid addition salt of the peptide, and removing the diluent.

2. The method of claim 1, wherein said basic satarting peptide is a salt of Cetrorelix, Teverelix, Abarelix, Ganirelix, Azaline B, Antide, A-75998, Detirelix, Ramorelix, RS-68439.

3. The method of claim 1, wherein said acid is embonuc acid, stearic acid, or salicylic acid.

4. The method of claim 1, wherein said basic starting peptide is Cetrorelix, and said acid is embonic acid, and the peptide : acid molar ratio is 2:1.

5. The method of claim 1, wherein said diluent is removed by freeze dying.

6. A peptide salt when made by the process of claim 1.

7. A pharmaceutical composition which comprises the peptide salt of claim 6, together with at least one pharmaceutical adjuvant, or carrier.

8. The process of claim 1, further comprising adding a pharmaceutical adjuvant or carrier partly or totally before the removal of the diluent.

9. A process of treating a mammal with the peptide salt of claim 6, which comprises parenterally administering to the mammal a drug containing said peptide salt as active ingredient.